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(54) Spinneret device for conjugate melt-blow spinning.

(57) A spinneret device for side-by-side, conjugate melt-blow spinning is provided,

which device is composed mainly of a spinning resins-feeding plate 2; a distributing plate 3; a separating plate 4 provided with confluent groove 12 of conjugate components engraved at the bottom part of the plate 4, provided corresponding to the number of spinning nozzles; a nozzle plate 5; and a plate 6 for controlling the clearance for a gas,

and according to which device, even when the viscosity unevenness, spinning temperature unevenness, etc. of the spinning resins occur in the cavity of the nozzle plate 5 to some extent, microfine fiber can be obtained which is uniform in the composite ratio and the cross-sectional, peripheral percentages of the respective components in the fiber cross-section, and yet being small in the fineness unevenness.

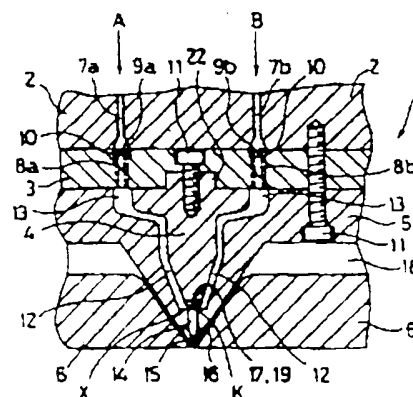


FIG.1.



European Patent
Office

EUROPEAN SEARCH REPORT

Application Number
EP 93 30 1981

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claims	CLASSIFICATION OF THE APPLICATION (Int. Cl. 5)
A	EP-A-0 138 549 (MINNESOTA MINING AND MANUFACTURING COMPANY)		D01D5/32
D	& JP-A-60 099 058 (...)		D01D5/098
	---		D01D4/02
A	EP-A-0 138 556 (MINNESOTA MINING AND MANUFACTURING COMPANY)		
D	& JP-A-60 099 057 (...)		

P,A	US-A-5 190 812 (EUGENE G. JOSEPH ET AL.)		

D,A	PATENT ABSTRACTS OF JAPAN vol. 15, no. 60 (C-805) 13 February 1991 & JP-A-02 289 107 (KURARAY CO LTD) 29 November 1990 * abstract *		

A	US-A-3 981 650 (ROBERT E. PAGE)		

			TECHNICAL FIELDS SEARCHED (Int. Cl. 5)
			D01D
The present search report has been drawn up for all claims			
Place of search		Date of completion of the search	Examiner
THE HAGUE		23 February 1994	Tarrida Torrell, J
CATEGORY OF CITED DOCUMENTS			
I : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date A : document cited in the application D : document cited for other reasons P : prior art document U : unpublished document W : written disclosure O : oral disclosure M : intermediate document		I : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date A : document cited in the application D : document cited for other reasons P : prior art document U : unpublished document W : written disclosure O : oral disclosure M : intermediate document	